#2

RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: US/09/944,449   TIME: 09:40:40

Input Set : N:\Crf3\temp\09944449.raw.txt
Output Set: N:\CRF3\10262001\I944449.raw

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 1 <110> APPLICANT: Baker, Kevin
 2         Botstein,David
 3         Eaton,Dan
 4         Ferrara,Napoleone
 5         Filvaroff,Ellen
 6         Gerritsen,Mary
 7         Goddard,Audrey
 8         Godowski,Paul
 9         Grimaldi,Christopher
10         Gurney,Austin
11         Hillan,Kenneth
12         Kljavin,Ivar
13         Napier,Mary
14         Roy,Margaret
15         Tumas,Daniel
16         Wood,William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18         ACIDS ENCODING THE SAME
19 <130> FILE REFERENCE: P2548P1C1
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21 <141> CURRENT FILING DATE: 2001-09-26
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23 <151> PRIOR FILING DATE: 2001-05-25
24 <150> PRIOR APPLICATION NUMBER: 60/067,411
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26 <150> PRIOR APPLICATION NUMBER: 60/069,334
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44 <150> PRIOR APPLICATION NUMBER: 60/068,017
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46 <150> PRIOR APPLICATION NUMBER: 60/070,440
W--> 47 <151> PRIOR FILING DATE: January 5, 1998
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RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: **US/09/944,449**   TIME: 09:40:40

Input Set : **N:\Crf3\temp\09944449.raw.txt**
Output Set: **N:\CRF3\10262001\I944449.raw**

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      54 <150> PRIOR APPLICATION NUMBER: 60/112,850
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      56 <150> PRIOR APPLICATION NUMBER: 60/113,296
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      58 <150> PRIOR APPLICATION NUMBER: 60/146,222
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      60 <150> PRIOR APPLICATION NUMBER: PCT/US98/19330
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      62 <150> PRIOR APPLICATION NUMBER: PCT/US98/25108
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      68 <150> PRIOR APPLICATION NUMBER: 09/254,311
W--> 69 <151> PRIOR FILING DATE: March 3, 1999
      70 <150> PRIOR APPLICATION NUMBER: PCT/US99/12252
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      72 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
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      74 <150> PRIOR APPLICATION NUMBER: PCT/US99/28409
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      92 <150> PRIOR APPLICATION NUMBER: PCT/US00/20710
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      94 <150> PRIOR APPLICATION NUMBER: PCT/US00/32678
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RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: US/09/944,449   TIME: 09:40:40

Input Set : N:\Crf3\temp\09944449.raw.txt
Output Set: N:\CRF3\10262001\I944449.raw

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    103 <213> ORGANISM: Homo Sapien
    104 <400> SEQUENCE: 1
    105        ggactaatct gtgggagcag tttattccag tatcacccag ggtgcagcca 50
    106        caccaggact gtgttgaagg gtgttttttt tcttttaaat gtaatacctc 100
    107        ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
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    109        cagtcctaga ctggtcttct acactaagac accatgaagg agtatgtgct 250
    110        cctattattc ctggctttgt gctctgccaa acccttcttt agcccttcac 300
    111        acatcgcact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
    112        gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
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    114        tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
    115        ttaggtttga cctcagtccc aaccaacatt ccatttgata ctcgaatgct 550
    116        tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
    117        gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
    118        attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
    119        gtcccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
    120        cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
    121        ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaaccctct 850
    122        tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900
    123        atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
    124        ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
    125        acttgaggat tttaaacgat acaaagaact acaaggctg ggcctaggaa 1050
    126        acaacaaaat cacagatatc gaaatggga gtcttgctaa cataccacgt 1100
    127        gtgagagaaa tacatttgga aaacaataaa ctaaaaaaaa tcccttcagg 1150
    128        attaccagag ttgaaatacc tccagataat cttccttcat tctaattcaa 1200
    129        ttgcaagagt gggagtaaat gacttctgtc caacagtgcc aaagatgaag 1250
    130        aaatctttat acagtgcaat aagtttattc aacaacccgg tgaaatactg 1300
    131        ggaaatgcaa cctgcaacat ttcgttgtgt tttgagcaga atgagtgttc 1350
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    133        atataagatt caaaaatccc tacatttgga atacttgaac tctattaata 1450
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    135        actgacttat tttatgacaa gaaatttcaa cggaattttg ccaaactatt 1550
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    137        cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
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    143        cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
    144        taaagccttc agtaaatgtt cattaccaac ttgataaatg ctactcataa 2000
    145        gagctggttt ggggctatag catatgcttt ttttttttta attattacct 2050
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RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: US/09/944,449   TIME: 09:40:40

Input Set : **N:\Crf3\temp\09944449.raw.txt**
Output Set: **N:\CRF3\10262001\I944449.raw**

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149        cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
150        aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
151        tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
152        gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
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154        aaat 2454
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157  <211> LENGTH: 379
158  <212> TYPE: PRT
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163        Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
164                        20                  25                  30
165        Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp Asp
166                        35                  40                  45
167        Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
168                        50                  55                  60
169        Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
170                        65                  70                  75
171        Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
172                        80                  85                  90
173        Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
174                        95                  100                 105
175        Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
176                        110                 115                 120
177        Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
178                        125                 130                 135
179        Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
180                        140                 145                 150
181        Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
182                        155                 160                 165
183        Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
184                        170                 175                 180
185        Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
186                        185                 190                 195
187        Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
188                        200                 205                 210
189        Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
190                        215                 220                 225
191        Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
192                        230                 235                 240
193        Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
194                        245                 250                 255
195        Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
196                        260                 265                 270
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RAW SEQUENCE LISTING   DATE: 10/26/2001
PATENT APPLICATION: US/09/944,449   TIME: 09:40:40

Input Set : N:\Crf3\temp\09944449.raw.txt
Output Set: N:\CRF3\10262001\I944449.raw

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197        Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
198                        275                 280                 285
199        Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
200                        290                 295                 300
201        Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
202                        305                 310                 315
203        Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
204                        320                 325                 330
205        Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
206                        335                 340                 345
207        Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
208                        350                 355                 360
209        Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
210                        365                 370                 375
211        Asn Phe Gly Met
213 <210> SEQ ID NO: 3
214 <211> LENGTH: 20
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
219 <400> SEQUENCE: 3
220        ggaaatgagt gcaaaccctc 20
222 <210> SEQ ID NO: 4
223 <211> LENGTH: 24
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
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227 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
228 <400> SEQUENCE: 4
229        tcccaagctg aacactcatt ctgc 24
231 <210> SEQ ID NO: 5
232 <211> LENGTH: 50
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
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238        gggtgacggt gttccatatc agaattgcag aagcaaaact gacctcagtt 50
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242 <212> TYPE: DNA
243 <213> ORGANISM: Homo Sapien
244 <400> SEQUENCE: 6
245        cggacgcgtg ggcggacgcg tgggcccgcs gcaccgcccc cggcccggcc 50
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247        cctccctccc tcctccccag ctgtcccgtt cgcgtcatgc cgagcctccc 150
248        ggccccgccg gccccgctgc tgctcctcgg gctgctgctg ctcggctccc 200
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VERIFICATION SUMMARY   DATE: 10/26/2001
PATENT APPLICATION: **US/09/944,449**   TIME: 09:40:41

Input Set : **N:\Crf3\temp\09944449.raw.txt**
Output Set: **N:\CRF3\10262001\I944449.raw**

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